AT-S87 Version 1.0.0
AT-GS950/48 Gigabit Ethernet Smart Switch
Software Release Notes

Please read this document before you begin to use the management software.

Supported Platforms

AT-S87 Version 1.0.0 Management Software is supported on the AT-GS950/48 Gigabit Ethernet Smart Switch only.

The AT-GS950/48 Gigabit Ethernet Smart Switch supports the following ATI 100 MB SFP modules:

- AT-SPFX/2
- ATSPFX/15
- AT-SPFX/40

The AT-GS950/48 Gigabit Ethernet Smart Switch supports the following ATI 1000 MB SFP modules:

- AT-SPSX
- AT-SPLX10
- AT-SPLX40
- AT-SPZX80

Product Documentation

Refer to the Allied Telesis web site at **www.alliedtelesis.com** for the latest installation and user guides.

New Features

Version 1.0.0:

- LEDs for unit and port status
- 48 Auto-Negotiating 10/100/1000Base-T twisted pair ports with RJ-45 connectors
- Four small form-factor pluggable (SFP) ports
- Auto MDI/MDI-X on the twisted pair ports
- IEEE 802.3 and IEEE 802.3u compliant
- IEEE 802.3x flow control in full-duplex operation; back pressure in half-duplex operation
- Store and forward switching mode
- MAC address table capacity of up to 8K addresses with automatic aging
- Web-based configuration using the AT-S87 management software
- SNMPv1 and SNMPv2c management
- Port Trunking
- Port Mirroring
- VLANs

- Class of Service
- STP and RSTP
- Port Security
- Statistics

Resolved Issues

- The IP access list in SSM edit window now displays more than 11 entries.
- When IGMP snooping, RSTP/STP and port trunking features are enabled, the three features are now compatible and behave as expected.
- When the name included a space for either a trunk member or a VLAN member, the parameters on the respective feature were affected abnormally. This bug has been resolved.
- The system is now stable and will not enter into a loop condition if the user switches the mode between STP and RSTP.
- The RMON counters now display the correct values.
- During a firmware upgrade, the AT-GS950/48 Gigabit Ethernet Smart Switch will not accept a file intended for the FS750/48 or FS750/24POE.
- BPDU packets will now flood all ports when STP/RSTP feature is disabled.
- The system VLAN configuration has been moved from the page, “IP Setup”, to the page, “Tagged VLAN”.
- The performance of TCP traffic has been improved compared to the previous version of code. Large file transfers will now complete in the time that is appropriate for the networking activity.

Operational Notes

- When a 100FX SFP is inserted into the AT-GS950/48 Gigabit Ethernet Smart Switch it will not be auto-detected and thus will initially not be operational. In order to make the SFP module active, you must manually configure each individual SFP port as follows where the 100FX SFP is used:
  1. From the main menu on the left hand side of the web management page, select Physical Interface and the Physical Interface page is displayed
  2. In the Port List, select one of the SFP ports (45 - 48) that you want to configure. The port is highlighted in the port list.
  3. In the Mode list, select “100FX-Full” for the port speed and duplex mode:
  4. Click Modify. The Admin mode setting shown in the table for that port is changed. However, the SFP module configuration will not be activated and will not pass ethernet traffic until the port configuration change is committed to the display and it is permanently saved. See steps 6 and 7 below.
  5. If you want to start the port re-configuration over, click Reload to clear the setting and go back to step 2.
  6. Click the OK button to commit the port configuration change to the display. Although it may appear that the change is immediately activated, the change must first be permanently saved before this occurs - see in step 7 below.
  7. To permanently save these settings in the configuration file and activate the change, select Save Configuration from the main menu on the left hand side of the web management page and then click the Save button.

- A 1000 MB SFP module can be auto detected when you insert it into the AT-GS950/48 Gigabit Ethernet Smart Switch. However, you must configure the port mode to Auto for the Gigabit SFP module to become operational per the procedure given above.
- A 1000 MB SFP module can be manually configured for 1000 full duplex with no auto-negotiation by setting the SFP port Mode to “1G-Full” per the procedure given above.
- To activate a port configuration change, be sure to perform the following steps after selecting and changing a configuration parameter for either a copper or SFP port on the Physical Interface page:
  1. Click the Modify button on the Physical Interface page.
  2. Click the OK button on the Physical Interface page.
  3. To activate these changes and permanently save these settings to the configuration file, go to the Save Configuration page and click on the Save button. The port configuration changes will only take affect after completing this step.

Contacting Allied Telesis

This section provides Allied Telesis contact information for technical support as well as sales or corporate information.

Online Support

You can request technical support online by accessing the Allied Telesis Knowledge Base: **www.alliedtelesis.com/support/kb.aspx**. You can use the Knowledge Base to submit questions to our technical support staff and review answers to previously asked questions.

Email and Telephone Support

For Technical Support via email or telephone, refer to the Support section of the Allied Telesis web site: **www.alliedtelesis.com**.

Returning Products

Products for return or repair must first be assigned a return materials authorization (RMA) number. A product sent to Allied Telesis without an RMA number will be returned to the sender at the sender's expense. For instructions on how to obtain an RMA number, go to the Support section on our web site at **www.alliedtelesis.com**.

For Sales or Corporate Information

You can contact Allied Telesis for sales or corporate information through our web site at **www.alliedtelesis.com**.

Warranty

The AT-GS950/48 Gigabit Ethernet Smart Switch has a Lifetime Warranty (two years fan and PSU). Go to **www.alliedtelesis.com/warranty** for the specific terms and conditions of the warranty and for warranty registration.

Obtaining Management Software Updates

New releases of management software for our managed products are available from the following Internet sites:

- Allied Telesis web site: **www.alliedtelesis.com**
- Allied Telesis FTP server: **ftp://ftp.alliedtelesis.com**

If the FTP server prompts you to log on, enter "anonymous" as the user name and your email address as the password

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